APPENDIX A

REFERENCES

STANDARDS

Layer	Standard	Description
Application	ISO 8571	File Transfer, Access, and Management (FTAM)
	ISO 8649 & ISO 8650	Association Control Service Element (ACSE)
	ISO 9072	Remote Operations Service Element (ROSE)
	ISO 10021	Message-Oriented Text Interexchange System (MOTIS)
	ITU-TSS X.400	Message Handling System (MHS) Formerly, this was CCITT X.400
	ISO 9506	Manufacturing Message Specification (MMS)
Presentation	ISO 8822 & ISO 8823	Connection Oriented Presentation
	ISO 8824 & ISO 8825	Abstract Syntax Notation One (ASN.1)
Session	ISO 8326 & ISO 8327	Basic Connection Oriented Session
Transport	ISO 8072 & ISO 8073	Transport Service
Network	ISO 8348	Connection-mode Network Service (CONS)

	ISO 8348/AD1	Connectionless-mode Network Service (CLNS)
	ISO 8208	Packet Level Protocol (PLP)
	ISO 8473	Internetwork Protocol (IP)
	ISO 8878	X.25 to provide CONS
	ISO 8880	OSI Network Service
	ISO 8881	X.25 Packet Level Protocol in LANs
	ISO 9542	ES-IS routing
	ISO 10589	IS-IS routing
Data-link	ISO 4335	High-level Data-link Control (HDLC)
	ISO 7809	High-level Data-link Control (HDLC)
	ISO 7776	X.25 LAPB - compatible DTE Data-link
	ISO 8802-2	LAN logical link control
	ISO 9314-2	FDDI Media Access Control (MAC)
	ANSI X3.T9.5/84-49	FDDI Station Management (SMT)
Physical	ISO 8802-3	Ethernet standards
	EIA RS-232C	Hardware devices
	EIA RS-422	Hardware devices
	EIA RS-423	Hardware devices
	ISO 9314-1	FDDI Physical Layer Protocol (PHY)

ISO 9314-3   FDDI Physical Layer Medium Dependent
(PMD)

ANSI X3.T9.5/84-49   FDDI Station Management (SMT)

Federal Standard 1037B, Telecommunications: Glossary of Telecommunications
Terms.

EIA/TIA 559, Single-Mode Fiber Optic System Transmission Design Wiring Standard,
Electronic Industries Association and Addendum 1.

EIA/TIA 568, Commercial Building Telecommunications Wiring Standard, Electronic
Industries Association.

EIA/TIA 569, Commercial Building Standard for Telecommunications Pathways and
Spaces, Electronic Industries Association.

NFPA 70-93, NATIONAL ELECTRIC CODE (NEC).

POLICIES

MIL-STD-2045-38000, Network Management for Department of Defense
Communications (Draft, subject to changes). This standard requires an installation
management entity called a network control center (NCC), subservient to
regional/national control centers, that provides local control to all departmental
communications systems.

ASQB-SIS-AGL-90-03, Fiber Optics. Existing guidelines for types of cable, distance
factors, and number of spares have been determined. Emerging technologies and
some of the changes occurring in the vendor offerings may influence these choices but
generally will have a minimal impact on the year-old standards.

ASQB-SIS-AGL-91-01, Local Area Networks. This provides architecture guidance to
Department of Defense (DoD) engineers, planners, and developers of LANs of Army
communications.

ASCG (25-30q), Installation Information Transfer System (IITS) Policy. This technical
application provides details and guidelines on implementation of the infrastructure
technologies, and network management for information systems on Army installations.

ASQB-SIS-AGL-91-03, Installation Information Transfer System Transition Strategy. This policy requires the Common User Installation Transport Network (CUITN) backbone to meet the transmission needs of all the installation LANS. Duplicate networks cannot be justified where a common network can efficiently and effectively provide service to everyone.

FIPS PUB 146-1, Government Open Systems Interconnection Profile (GOSIP). GOSIP is mandated for all new information transfer systems. The level of compliance is changing as proposed standards complete their review cycle and become a part of the codified umbrella standard. GOSIP is currently being revised and any LAN design should follow the standard in effect at the time of installation.

FIPS PUB 179, Government Network Management Profile (GNMP). This standard became effective 14 June 1993 and is binding 14 December 1994. This standard covers solicitations and contracts for new network management functions and services.

NCSC-TG-005, National Computer Security Center, Red Book, Trusted Network Interpretation.

DoD-5200.28-STD, Department of Defense, Orange Book, Department of Defense Trusted Computer System Evaluation Criteria.

DoD Directive 5200.28, Department of Defense, Security Requirements for Automated Information Systems.

AR-380-1 9, AR-380-1 9-1, AR S380-1, Department of the Army, Information Systems Security.

USAISEC Regulation 34-3, Standardization Engineering Drawings.

NACSIM 5203 (C), National Security Agency Document, TEMPEST Guidelines for Facility,. Design and RED/BLACK Installations (U).

TB 380-41-1, General Information and Guidelines.

AR 530-1 (C), Identification and Applications of Compromising Emanations Control Measures (U).

MIL-STD-188-114A, Electrical Characteristics of Digital Interface Circuits.

MIL-STD-188-124B, Grounding, Bonding and Shielding for Common Long Haul/Tactical Communications Systems, Including Ground Based.

MIL-STD-499A, Engineering Management.

MIL-HDBK-419A, Grounding, Bonding and Shielding for Electronic Equipment and Facilities.

AFTO 31-10-2, Fanning and Forming Conductors for Ground C-E Equipment.

AFTO 31-10-7H, Terminating and Soldering Electrical Connections.

AFTO 31-10-11, Cross-Connections.

AFTO 31-10-12, Metal Ducts and Conduit.

AFTO 31-10-27, Equipment Designation.

USAISEC PAM 34-2, Preparation of Engineering Installation Packages and Standard Engineering Installation Packages.

USAISEC PAM 105-6, Safety Practices and Procedures for Installers.

USAISEC PAM 105-11, Table, Quick Reference for Installers.

DCAC 370-160-2, Site Surveys, Site Selection, and Construction Design Criteria.

DCAC 370-160-3, Installations and Constructions: Site Survey Data Book for Communication Facilities.

NON-GOVERNMENT DOCUMENTS.

National Electrical Code Handbook.

TB - Technical Bulletin.
MIL-STD - Military Standard.
AFTO - Air Force Technical Order.